

Converting Colors

Hex(86C6E7)

Have a look what the booklet for
Hex(86C6E7) contains.

Hex(86C6E7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(86C6E7)

Conversions

Conversions Part 1

Format	Color
Hex	86C6E7
RGB	134, 198, 231
RGB Percent	53%, 78%, 91%
CMY	0.4745, 0.2235, 0.0941
CMYK	0.42, 0.14, 0.00, 0.09
HSL	200°, 67%, 72%
HSV	200°, 42%, 91%
XYZ	44.4494, 51.2260, 83.1462
YIQ	182.6260, -48.7370, -3.3050

Conversions

Conversions Part 2

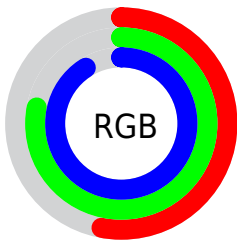
Format	Color
RYB	134, 173, 231
Decimal	8832743
CIELab	76.82, -11.97, -22.78
CIElCh	77, 25.731, 242.287
Yxy	51.2260, 0.2486, 0.2865
Android (android.graphics.Color)	4287022823 (0xFF86C6E7)
YUV	182.6260, 23.8484, -42.6450
Hunter-Lab	71.5724, -14.3957, -18.7770

Details

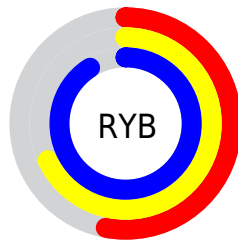
The Hex color **86C6E7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E7A786**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **BFFFFFF**, and **4E90AF** is the 20% darker color. If you saturate the color by 10%, you get **6FBEE7**, and if you desaturate by 10%, it is **9DCEE7**.

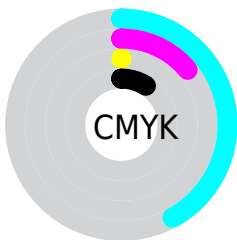
Distribution



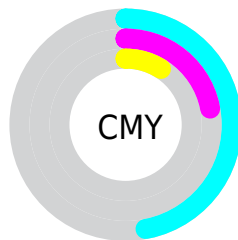
- Red (53%)
- Green (78%)
- Blue (91%)



- Red (53%)
- Yellow (68%)
- Blue (91%)



- Cyan (42%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (47%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86C6E7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 86C6E7 by changing the saturation by 10% instead.

 86C6E7

 86C6E7


FFFFFF

 6AABCB

 BFFFFFF

 4E90AF

 DCFFFF

 317795

 F9FFFF

 075E7B

 004662

 00304A

 001C33

 00021E

 000000

 86C6E7

 86C6E7

 6FBEE7

 9DC EE7

 58B6E7

 B4D6E7

 41AEE7


 CBDEE7

 2AA7E7

 E2E5E7

 139FE7

 FAEDE7

 0098E7

 FFF5E7

 FFFDE7

 FFFFE7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79CAD6



86C6E7



A3BFED

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86C6E7



ECACBD



B4C495

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



86C6E7



E7A786

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



CDBD8E



86C6E7



EDAEA5

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86C6E7



DEB0D4



E2B594



98C9A7

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86C6E7



B9BAE9



E2B594



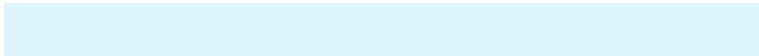
BDC291

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



86C6E7



DEF4FF



86E7A6



6B7980



000000



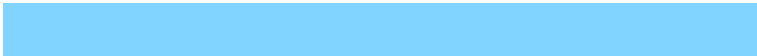
808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86C6E7



80D4FF



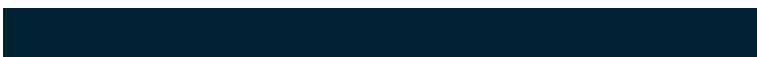
8696E7



676F73



0076B3



002233

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E786C6



FF80D4



E7D786



73676F



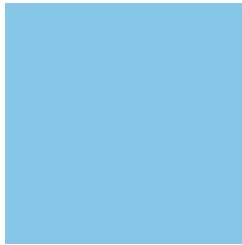
B30076



330022

Previews

White Background



This preview shows how the Hex color 86C6E7 looks on a white background.

Color Contrast Check

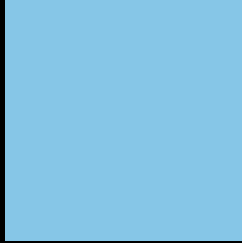
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 86C6E7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 86C6E7 Background



This preview shows how black text looks on a background with the Hex color 86C6E7.



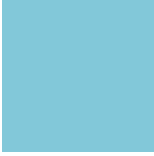
This preview shows how white text looks on a background with the Hex color 86C6E7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

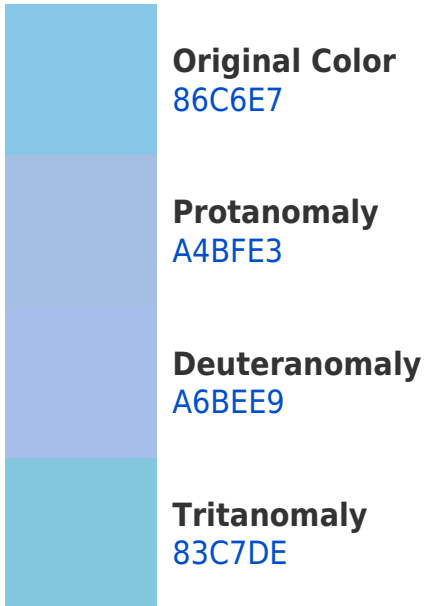
Dichromacy



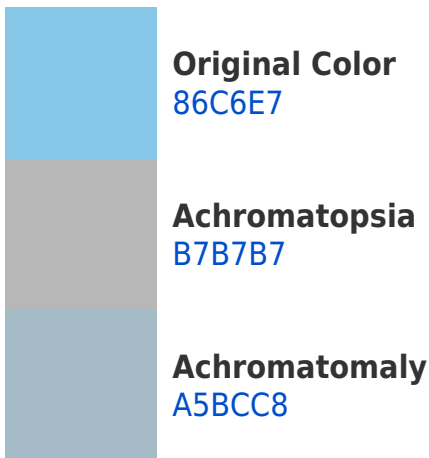


Tritanopia
82C8D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 86C6E7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #86C6E7 looks like.

```
.text, #text, p{  
    color:#86C6E7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #86C6E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86C6E7
}
```

Border

The CSS property to change the border of an element to Hex 86C6E7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#86C6E7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#86C6E7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #86C6E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86C6E7; -webkit-box-shadow:4px 4px  
4px 4px #86C6E7; box-shadow:4px 4px 4px  
4px #86C6E7 }
```

Background

The CSS property to change the background color of an element to Hex 86C6E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86C6E7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#86C6E7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor